TILENCIA

Nicolas D
DBA Architecte

FORMATIONS & CERTIFICATIONS

1999 : Paris Sorbone / ENS

LANGUES

- Français
- Anglais

25 years experience working with data : RDBMS, NoSQL, Hadoop, OLAP, BI following market trend: from on-premises servers to private / public clouds deployments ; from ITIL to DevOps

SKILLS

- **RDBMS :**
  - Oracle
  - PostgreSQL
  - Sybase ASE
  - Sybase IQ
  - MS SQL Server
- **NoSQL :**
  - Cassandra
  - CouchBase
  - MongoDB
- **HADOOP :**
  - Hortonworks Data Platform
- **OS :**
  - Linux, Solaris, HP-UX, AIX, Windows, Mac OS
- **Configuration Management :**
  - Ansible , Puppet

EXPÉRIENCES

Société
Poste :
Environnement technique /
Réalisations :

CAIXA BANK **06.2024 – 04.2025**
SENIOR DBA ORACLE

- +500 DB / 50 PRD
- Oracle 12c, 19c, RAC + Data Guard, Exadata CC / OCI, pluggable database (PDB), Zero Data Loss Recovery Appliance (ZDLRA) / TSM

Société
Poste :
Environnement technique /
Réalisations :

BOUYGUES CONSTRUCTION **05.2022 - 4.2024**
SENIOR DBA ORACLE

- Migration from SQL Server on HyperV to Oracle 19c on RHEL on Dell VxRail VMware for SOPRA HR solution (+30 000 employees)
- Oracle RDBMS installation (Ansible) and patching, DB creation and management scripts.
- Backup strategy: RMAN and Veeam
- Security:
  - Centrally managed users (CMU) integration with Microsoft Active Directory,
  - Unified Auditing policies with Splunk to load security information and event management (SIEM)
  - SQL Developer integration with CyberArk and Kerberos
  - native data network encryption
- Risk Matrix definition: identifying possible issues (from node / datacenter failure to Oracle corruption or 'Fat fingers') and mitigations.
- High Availability and Disaster Recovery tests
- SQL Server DBA training: theorical (180 slides) and hands-on exercises, redaction of a ‘Survival Guide’
- Web portal for DBA and end-users: 85 reports (sessions, execution plan, Performance Hub, AWR, backup, advisors, …)
- Monitoring providing Centreon with key SQL queries
- Performance & Tuning (AWR, ASH, Quest Foglight): benchmark campaign with SOPRA consulting
- RMAN refresh scripting
- Database Reorg PL/SQL package (1500 lines of code) for table compaction / index rebuild / datafile space reclaim / …

Société
Poste :
Environnement technique /
Réalisations :

SOCIETE GENERALE **04.2012 – 07.2021**
SENIOR DBA ARCHITECTE

- +5000 DB / 500 PRD DB worldwide EUR/US/ASIA

- Oracle Database As A Service on private cloud: end-users requirements, service definition, implementation, support, evolution
- Oracle transversal management: licenses, binaries repository, installation, patching, compliance, administration, maintenance, performance & tuning, security, DB refresh / cloning, disaster recovery tests, follow the sun, new features, …
- Support for worldwide SG DBAs for all points above (norms, tools, process, ...)
- Private Cloud: entry-point for databases implementation (Oracle, Cassandra, Sybase, CouchBase, MongoDB)
- Public Cloud: Oracle database migration to AWS RDS study
- Cassandra: Puppet module development, administration and maintenance scripts, evangelization and training
- CouchBase: administration and maintenance scripts
- MongoDB: administration
- PostgreSQL: administration
- Hadoop: installation, administration and maintenance on Hortonworks Data Platform (Ambari, Ranger, HDFS, Hive, Kafka, Oozie, Hbase,
- Spark, Zookeeper, flume, ...)

Société CA-CIB **01.2012 - 03.2012**

Poste : **ORACLE Production DBA**

Environnement technique /

Réalisations :

- Handover procedure to offshore team

Société **NATIXIS** **05.2009 – 12.2011**

Poste : **Oracle, Sybase ASE & IQ, MS SQL Server production DBA**

Environnement technique /

Réalisations :

- +1000 DB / 270 PRD DB
- Installation, migration, administration, performance tuning, DB refresh / cloning

Société **SOCIETE GENERALE CIB** **01.2004 – 05.2009**

Poste : **BDA Production**

Environnement technique /

Réalisations :

- Sybase Production DBA : 10/2007 - 05/2009
  - Sybase ASE / IQ / Replication Server / Direct Connect
  - Installation, migration, administration, performance tuning

- Oracle Production DBA : 11/2005 – 09/2007
  - 170 DB / 12 PRD DB
  - Installation, migration, administration, performance & tuning, DB refresh / cloning

- Oracle Developer : 01/2004 – 11/2005
  - Accounting datawarehouse: PL/SQL data feed, transformation, rollup ; performance tuning on end-users SQL queries
  - PeopleSoft GL / EPM : databases refreshes schedule and follow up.

Société **AUTRES CLIENTS** **03.2000 – 12.2003**

Poste : **BDA Oracle**

Environnement technique /

Réalisations :

- Accor : 12/2001 – 12/2003
  - Oracle Express production DBA and Developer
    - Back Office Business Intelligence platform used by 3000 users worldwide based on Oracle Express, Sales Analyzer, Oracle RDBMS
    - Installation, migration, administration, performance & tuning
    - Daily follow-up on OLAP data feed and roll up
    - End-users support

- Crédit Lyonnais : 06/2000 – 10/2001
  - Oracle Developer / Business Object admin
    - ETL (Pro*C / Prism / SQL) development and maintenance
    - Oracle indexing strategy
    - Business Object : new universes and reports

- Maroc Telecom ; 04/2000 – 05/2000
  - Oracle Developer
    - PL/SQL package creation for a billing system

- Hyperfinance : 03/2000
  - Oracle DBA
    - Oracle Installation